

RAW SEQUENCE LISTING

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Application Serial Number: 10/528,168
Source: PG/10
Date Processed by STIC: 3/25/05

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/528,168

DATE: 03/25/2005
TIME: 14:55:50

Input Set : A:\EX03-065C-US patentin.txt
Output Set: N:\CRF4\03252005\J528168.raw

3 <110> APPLICANT: EXELIXIS, INC.
5 <120> TITLE OF INVENTION: FLJ20647s AS MODIFIERS OF THE p21 PATHWAY AND METHODS OF USE
7 <130> FILE REFERENCE: EX03-065C-US
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/528,168
C--> 9 <141> CURRENT FILING DATE: 2005-03-16
9 <150> PRIOR APPLICATION NUMBER: US 60/411,010
10 <151> PRIOR FILING DATE: 2002-09-16
12 <160> NUMBER OF SEQ ID NOS: 4
14 <170> SOFTWARE: PatentIn version 3.2
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1245
18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 1

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26	ggctgtgc	gacccttggc	acctggcgcc	cagcgcgc	gtggccgtg	ccgcctccgc	180
28	cccagggttt	gcgtgtgaag	ctgtgtggaa	atgtgaaata	ctaccagtca	caccattata	240
30	gtaccgtgtt	gccacctgtat	gaaataacag	ttattttatag	acatggcctt	cccttggtaa	300
32	cacttacctt	gccccatctaga	aaagaacgtt	gtcaattcgt	agtcaaaacca	atgttgtcaa	360
34	cagttggttt	atcccttcag	gacctacaaa	atgaagataa	gggtatcaaa	actgcagcca	420
36	tcttcacacgc	agatggcaac	atgatttcag	cttctacctt	gatggatatt	ttgctaatga	480
38	atgattttaa	acttgtcatt	aataaaatag	catatgtatgt	gcagtgtcca	aagagagaaa	540
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42	ttacaatctt	gcatttagaa	gagtctcaga	aaaagagaga	gcaccat	ctggagaaaa	660
44	ttgaccac	gaaggaacac	ctgcagcc	ttgaacaggt	gaaagctgga	atagaagctc	720
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50	cataactcat	cacatttgca	aattctatgg	tctttttgc	atactttata	gtcaactcgac	900
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54	caaagcaaca	gcactttgat	gtgcagcaat	acaacaagtt	aaaagaagac	ttgctaagg	1020
56	ctaaagaatc	cctgaaacac	gcgcgtcatt	ctctctgttt	gcaaatgcaa	gtagaagaac	1080
58	tcaatgaaaa	gaattaaatct	tacagttta	aatgtcgtca	gatttccat	tatgtattga	1140
60	ttttgcaact	tagatgttt	ttgagtc	ttgttcatt	tgattgttta	atctttgtta	1200
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75	agccgcacc	ggcagcagca	gcaccacccg	acggtagcgc	ttcctggcag		180

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81	acactcaagc ctatctctga ctctgttgg	gtattttac gacaactgca agaagaggat	360
83	cggggattt acagagttgc tatctattca	ccagatggtg ttcgcgttgc tgctcaaca	420
85	ggaatagacc tcctccctt tgatgacttt	aagctggtca ttaatgactt aacataccac	480
87	gtacgaccac caaaaagaga cctcttaagt	catgaaaatg cagcaacgct gaatgatgt	540
89	aagacattgg tccagcaact atacaccaca	ctgtgcattt agcagcacca gttaaacaag	600
91	gaaagggagc ttattgaaag actagaggat	ctcaaaagagc agctggctt cctgaaaag	660
93	gtacgaattt agattagcag aaaagctgag	aagaggacca ctttggtgct atggggtggc	720
95	cttcctaca tggccacaca gtttggcatt	ttggcccgcc ttacctggt ggaatattcc	780
97	tggacatca tggagccagt aacatacttc	atcaattatg gaagtgcatt ggcaatgtat	840
99	gcataaaaaa taatgacacg ccaggaataat	gtttatccag aagccagaga cagacaatac	900
101	ttactatttt tccataaaagg agccaaaaag	tcacgtttt accttagagaa atacaatcaa	960
103	ctcaaggatg caattgctca ggcagaaaatg	gaccttaaga gactgagaga cccattacaa	1020
105	gtacatctgc ctctccgaca aatttggtaaa	aaagatttgcat ctgaaaaaag cctctgaatc	1080
107	ctggcagaag gaacacctgt ttgcctttt	aattaaagca ttgcaggatgg aagctgggag	1140
109	ccatgtgggg ggttagagcgt ttttacctt	aattataaaa caaaaacaga aagatctga	1200
111	gggaagaagg gaatgttaaa accttggat	caggcattgt ggaatataag ctcaaaggc	1260
113	tttagtgaata ttgtcttaac caagtatc	ac agttcttgc tgaaaatgtat gcagttat	1320
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117	gcagagtcag caaaaagaga acacaccacg	acccactcg actctatgg ttttaattt	1440
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121	tatgtctaaaa tatcatttagc atttatttt	aatttggaccc agtctctgc gaggattaccag	1560
123	gaatctttcc ttccagcatc ctttactga	ccacctaccc gtacctctt gttacactca	1620
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129	tcactggcaa cactgcatga ggttgggtt	tttgggtt ttttattt agtctttcac	1800
131	aggagaaata attgcctcc tttatatact	tatctattga taatcccctc tccctccaga	1860
133	acacaaatca gagggaaagg ggggttttag	ctgtactacc aaatcaggaa gatgtaaagg	1920
135	ttacaaaattt gctaagaatc atggctctgt	agccatttca accagaataa ttttatttgc	1980
137	aatctgtttt gtgtgacagc attccaggcc	agccagatgg gactgcctt tctggaggct	2040
139	ttgttcatct cgaaggacac acacttccac	actgtttgtt agccctccca cttccacaac	2100
141	ttcagttgtt aatcaagtgt gtggatctca	aagggtgcaa tttatcttta tataggaata	2160
143	catttctagg gtttcttca agccactt	cttccaccc tttttcttta tcttaatttgc	2220
145	agagaaagag aattaatctt atactttgtc	aaaacattt ctaccatatt tccagatgc	2280
147	atctgcgtt gaagagtcaa aggaatctgt	gtctaatatc ctgttttta ctgtgttagg	2340
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155	ttgaaggcca gccaggattt ctgtctgc	tgctacttcc gccaacaccc ctttcattgg	2580
157	catgacggaa tgaaaggatg catgtctcca	cttcctgacc ctccgcccac ttccctctcc	2640
159	ctccaccacc cccagtcgtc agctccctcc	ctcattttt tttgttaatgt tttgtgtt	2700
161	attttttaacc catttatactt gtttgtcat	agggtttta agaagaaaca gcacagtgc	2760
163	acgagcaaat cttttgggg tttgtggaa	gcaaggagg gaggacatgg agaaaaagttc	2820
165	ttaaacaata tagcaaacta ttgaacatgt	gtaaaatctt gtatcatatca taaaatatgt	2880
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171	<211> LENGTH: 248		
172	<212> TYPE: PRT		

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 175 <400> SEQUENCE: 3
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 182 20 25 30
 185 Ser Ala Ser Thr Leu Met Asp Ile Leu Leu Met Asn Asp Phe Lys Leu
 186 35 40 45
 189 Val Ile Asn Lys Ile Ala Tyr Asp Val Gln Cys Pro Lys Arg Glu Lys
 190 50 55 60
 193 Pro Ser Asn Glu His Thr Ala Glu Met Glu His Met Lys Ser Leu Val
 194 65 70 75 80
 197 His Arg Leu Phe Thr Ile Leu His Leu Glu Glu Ser Gln Lys Lys Arg
 198 85 90 95
 201 Glu His His Leu Leu Glu Lys Ile Asp His Leu Lys Glu Gln Leu Gln
 202 100 105 110
 205 Pro Leu Glu Gln Val Lys Ala Gly Ile Glu Ala His Ser Glu Ala Lys
 206 115 120 125
 209 Thr Ser Gly Leu Leu Trp Ala Gly Leu Ala Leu Ser Ile Gln Gly
 210 130 135 140
 213 Gly Ala Leu Ala Trp Leu Thr Trp Trp Val Tyr Ser Trp Asp Ile Met
 214 145 150 155 160
 217 Glu Pro Val Thr Tyr Phe Ile Thr Phe Ala Asn Ser Met Val Phe Phe
 218 165 170 175
 221 Ala Tyr Phe Ile Val Thr Arg Gln Asp Tyr Thr Tyr Ser Ala Val Lys
 222 180 185 190
 225 Ser Arg Gln Phe Leu Gln Phe Phe His Lys Lys Ser Lys Gln Gln His
 226 195 200 205
 229 Phe Asp Val Gln Gln Tyr Asn Lys Leu Lys Glu Asp Leu Ala Lys Ala
 230 210 215 220
 233 Lys Glu Ser Leu Lys Gln Ala Arg His Ser Leu Cys Leu Gln Met Gln
 234 225 230 235 240
 237 Val Glu Glu Leu Asn Glu Lys Asn
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 241 <210> SEQ ID NO: 4
 242 <211> LENGTH: 351
 243 <212> TYPE: PRT
 244 <213> ORGANISM: Homo sapiens
 246 <400> SEQUENCE: 4
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 249 1 5 10 15
 252 Gly Gly Gly Gly Gly Ala Gly Gly Cys Gly Ala Leu Thr Ala Gly
 253 20 25 30
 256 Cys Phe Pro Gly Leu Gly Val Ser Arg His Arg Gln Gln Gln His His
 257 35 40 45
 260 Arg Thr Val His Gln Arg Ile Ala Ser Trp Gln Asn Leu Gly Ala Val
 261 50 55 60
 264 Tyr Cys Ser Thr Val Val Pro Ser Asp Asp Val Thr Val Val Tyr Gln
 265 65 70 75 80

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268 Asn Gly Leu Pro Val Ile Ser Val Arg Leu Pro Ser Arg Arg Glu Arg
269 85 90 95
272 Cys Gln Phe Thr Leu Lys Pro Ile Ser Asp Ser Val Gly Val Phe Leu
273 100 105 110
276 Arg Gln Leu Gln Glu Glu Asp Arg Gly Ile Asp Arg Val Ala Ile Tyr
277 115 120 125
280 Ser Pro Asp Gly Val Arg Val Ala Ala Ser Thr Gly Ile Asp Leu Leu
281 130 135 140
284 Leu Leu Asp Asp Phe Lys Leu Val Ile Asn Asp Leu Thr Tyr His Val
285 145 150 155 160
288 Arg Pro Pro Lys Arg Asp Leu Leu Ser His Glu Asn Ala Ala Thr Leu
289 165 170 175
292 Asn Asp Val Lys Thr Leu Val Gln Gln Leu Tyr Thr Thr Leu Cys Ile
293 180 185 190
296 Glu Gln His Gln Leu Asn Lys Glu Arg Glu Leu Ile Glu Arg Leu Glu
297 195 200 205
300 Asp Leu Lys Glu Gln Leu Ala Pro Leu Glu Lys Val Arg Ile Glu Ile
301 210 215 220
304 Ser Arg Lys Ala Glu Lys Arg Thr Thr Leu Val Leu Trp Gly Gly Leu
305 225 230 235 240
308 Ala Tyr Met Ala Thr Gln Phe Gly Ile Leu Ala Arg Leu Thr Trp Trp
309 245 250 255
312 Glu Tyr Ser Trp Asp Ile Met Glu Pro Val Thr Tyr Phe Ile Thr Tyr
313 260 265 270
316 Gly Ser Ala Met Ala Met Tyr Ala Tyr Phe Val Met Thr Arg Gln Glu
317 275 280 285
320 Tyr Val Tyr Pro Glu Ala Arg Asp Arg Gln Tyr Leu Leu Phe Phe His
321 290 295 300
324 Lys Gly Ala Lys Lys Ser Arg Phe Asp Leu Glu Lys Tyr Asn Gln Leu
325 305 310 315 320
328 Lys Asp Ala Ile Ala Gln Ala Glu Met Asp Leu Lys Arg Leu Arg Asp
329 325 330 335
332 Pro Leu Gln Val His Leu Pro Leu Arg Gln Ile Gly Glu Lys Asp
333 340 345 350

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/528,168

DATE: 03/25/2005
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Input Set : A:\EX03-065C-US patentin.txt
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date